

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 2-16-00 are:A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. **DRAWINGS.** 37 CFR 1.84(a). Acceptable categories of drawings:
 - Black ink. Color drawings are not acceptable until position is granted. Fig(s) _____
 - Unfilled and non-black ink not permitted. Fig(s) _____
2. **PHOTOGRAPHS.** 37 CFR 1.84(b)
 - Full-size set is required. Fig(s) _____
 - Photographs not properly mounted (must use crystal bond or photographic double-weight paper). Fig(s) _____
 - Four copies (half-size). Fig(s) _____
3. **TYPE OF PAPER.** 37 CFR 1.84(c)
 - Paper not flexible, strong, white, and durable. Fig(s) _____
 - Erasures, alterations, overwritings, identifications, fields, copy machine marks not acceptable. Fig(s) _____
 - Mylar, when paper is not acceptable (not thin). Fig(s) _____
4. **SIZE OF PAPER.** 37 CFR 1.84(d). Acceptable sizes:
 - 21.0 cm by 27.9 cm (8 1/2" x 11") (horizontal)
 - 21.6 cm by 27.9 cm (8 1/2" x 11" inches)
 - All drawing sheets not the same size. Fig(s) _____
 - Drawings sheets not an acceptable size. Fig(s) _____
5. **MARGINS.** 37 CFR 1.84(g). Acceptable margins:
 - Top 2.5 cm (1 1/8 inch)
 - Left 2.5 cm (1 1/8 inch)
 - Right 1.5 cm (5/8 inch)
 - Bottom 1.0 cm (3/8 inch)
 - SIZE: A4
 - SIZE: 8 1/2" x 11"
 - Margin not acceptable. Fig(s) 10, 15, 17
 - Top (T) _____ Left (L) _____
 - Right (R) _____ Bottom (B) _____
6. **REVISIONS.** 37 CFR 1.84(h)
 - REMINDER: Specification may require revision to correspond to drawing changes.
 - Partial views. 37 CFR 1.84(h)(2)
 - Brackets needed to show figure as one entity. Fig(s) _____
 - Views not labeled separately or properly. Fig(s) _____
 - Enlarged view not labeled separately or properly. Fig(s) _____
7. **SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)
 - Hatching not indicated for sectional portions of an object. Fig(s) _____
 - Sectional designation should be noted with Arabic or Roman numerals. Fig(s) _____
8. **ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)
 - Views do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
9. **SCALE.** 37 CFR 1.84(j)
 - Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
10. **CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(k)
 - Lines, numbers & letters not uniformly thick and well defined, drawn, durable, and black (good line quality). Fig(s) 10, 15, 17, 6, 7
 - Shading. 37 CFR 1.84(m)
 - Solid black areas pale. Fig(s) _____
 - Solid black shading not permitted. Fig(s) _____
 - Shade lines; pale, rough and blurred. Fig(s) _____
11. **NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(n)
 - Numbers and reference characters not plain and legible. Fig(s) _____
 - Figure legends are poor. Fig(s) _____
 - Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1). Fig(s) _____
 - English alphabet not used. 37 CFR 1.84(p)(2)
 - Fig(s) 10, 15, 17, 6, 7
 - Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
 - Fig(s) _____
12. **LEAD LINES.** 37 CFR 1.84(q)
 - Lead lines cross each other. Fig(s) _____
 - Lead lines missing. Fig(s) _____
13. **NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(r)
 - Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s) _____
14. **NUMBERING OF VIEWS.** 37 CFR 1.84(s)
 - Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
15. **CORRECTIONS.** 37 CFR 1.84(w)
 - Corrections not made from prior PTO-648 dated _____
16. **SECTIONAL DRAWINGS.** 37 CFR 1.152
 - Surface shading shown not appropriate. Fig(s) _____
 - Solid black shading not used for color contours. Fig(s) _____

COMMENTS

REVIEWER

DATE

6-00

TELEPHONE NO.

201-554-0000

ATTACHMENT TO PAPER NO.

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